

Technical sheet :

CI 12 PF



 **MANITOU**
HANDLING YOUR WORLD

	Technical characteristics		Metric	Imperial
1.1	Manufacturer		Manitou	Manitou
1.2	Model Name		CI 12 PF	CI 12 PF
1.3	Power source		Electrical	Electrical
1.4	Operator type		Carried	Carried
1.5	Max. capacity	Q	1200 kg	2646 lb
1.6	Load center of gravity	c	600 mm	24 in
1.8	Load distance, centre of drive axle to fork	x	240 mm	9 in
1.9	Wheelbase	y	1530 mm	60 in
	Weight			
2.1	Service weight		1780 kg	3924 lb
2.2	Weight on front axle (laden) / rear axle (laden)		472 kg / 2508 kg	1041 lb / 5529 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		650 kg / 1130 kg	1433 lb / 2491 lb
	Wheels			
3.1	Tires type		Bandage	Bandage
3.2	Dimensions of front wheels		200 x 75	200 x 75
3.3	Dimensions of rear wheels		250 x 100	250 x 100
3.5.2	Number of drive wheels / front wheels / rear wheels		1 / 1 / 2	1 / 1 / 2
3.7	Rear wheel gauge	b11	665 mm	26 in
	Dimensions			
4.15	Fork height in low position	h13	50 mm	2 in
4.19	Overall length	l1	3108 mm	122 in
4.2	Mast lowered height	h1	1980 mm	78 in
4.20	Length to face of forks	l2	1958 mm	77 in
4.21	Overall width	b1	800 mm	26.24 ft 8 in
4.22	Forks section / width / length	s / e / l	45 mm x 100 mm x 1150 mm	2 in x 4 in x 45 in
4.24	Fork carriage width	b3	790 mm	31 in
4.25	Forks spread	b5	730 mm	29 in
4.32	Ground clearance at centre of wheelbase	m2	50 mm	2 in
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	3437 mm	135 in
4.35	Turning radius	Wa	1742 mm	69 in
4.4	Mast lifting height	h3	1450 mm	57 in
4.5	Mast extended height	h4	1980 mm	78 in
4.9	Height tiller max.	h14	1212 mm	48 in
	Performances			
5.1	Travel speed (laden / unladen)		9 km/h / 11 km/h	6 mph / 7 mph
5.2	Lifting speed (laden / unladen)		0.08 m/s / 0.18 m/s	0.26 ft/s / 0.59 ft/s
5.3	Lowering speed (laden / unladen)		0.12 m/s / 0.11 m/s	0.39 ft/s / 0.36 ft/s
5.7	Gradeability (laden / unladen)		6 % / 10 %	6 % / 10 %
5.10	Service brake		Electro magnetic	Electro magnetic
5.11	Parking brake		Butterfly switch release	Butterfly switch release
	Engine			
6.1	Drive motor rating S2 60 min		2 kW	2 kW
6.2	Lift motor rating at S3 15%		2 kW	2 kW
6.3	Battery according to DIN 43531/35/36 A, B, C		DIN 43535-B	DIN 43535-B
6.4	Battery voltage / capacity		24 V / 620 Ah	24 V / 620 Ah
6.5	Battery weight (+/- 5%)		490 kg	1080 lb
	Miscellaneous			
8.1	Type of drive control		AC Mosfet Variator	AC Mosfet Variator
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 66 dB	< 66 dB

CI 12 PF - Dimensional drawing





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